

PATENT APPLICATION  
File No: 99-10C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Christopher S. Piddington, Paul O. Sheppard  
Serial No. : 10/676,790  
Group Art Unit : Not Assigned  
Examiner : Not Assigned  
Filed : October 1, 2003  
For : ADIPOCYTE COMPLEMENT RELATED PROTEIN HOMOLOG  
ZACRP5

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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I hereby certify that the attached correspondence, comprising:

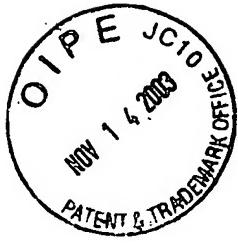
1. Information Disclosure Statement
2. PTO-1449 Form
5. Return Postcard

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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on November 10, 2003.

  
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Kim M. Goplen



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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. §1.56, and in accordance with 37 C.F.R. §§1.97 *et seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested.

The present application is a continuation of U.S. Patent Application No. 09/573,733, filed May 18, 2000, which claims the benefit of U.S. Provisional Patent Application No. 60/136,292, filed May 27, 1999.

Pursuant to the provisions of M.P.E.P. §609 and in accordance with 37 C.F.R. §1.98(d), Applicants have not included copies of the documents listed on the 1449 forms that were previously cited by or submitted to the Patent Office in a prior application identified herein.

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 26-0290.

The Examiner is invited to contact the Undersigned at the below-listed telephone number, if there are any questions concerning this paper.

Respectfully submitted,



Brian J. Walsh  
Registration No. 45,543  
(206) 442-6540

<b>FORM PTO 1449</b> (REV 2-32)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>	File No. 99-10C1  Serial No. 10/676,790	
 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant(s): Christopher S. Piddington, Paul O. Sheppard	
		Filing Date: October 1, 2003	Group: Not Assigned

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A4	96/39429	12/12/1996	WO			
	A5	99/04000	01/28/1999	WO			
	A6	99/10492	03/04/1999	WO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)**

	A7	Scherer et al., The Journal of Biological Chemistry Vol 270 No.45: 26746-26749, 1995
	A8	Maeda et al., Biochemical and Biophysical Research Communications Vol 221 No.2: 286-289, 1996
	A9	Nakano et al., J. Biochem. 120: 803-812, 1996
.	A10	Shapiro et al., Current Biology Vol 8 No.6: 335-338, March 2, 1998
	A11	Fruebis et al., PNAS: Vol 98 No.4: 2005-2010, February 13, 2001
.	A12	Bagguley, Sanger Center, Acc#AL031713, 1998
	A13	DOE Joint Genome Institute, Homo Sapiens Chromosome 16 Clone RP11-161M6 Working Draft Sequence Acc#009041, 1999

**Examiner**

### Date considered

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO 1449</b> (REV 2-32)	<b>U. S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>	File No. 99-10C1  Serial No. 10/676,790	
 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant(s): Christopher S. Piddington, Paul O. Sheppard	
		Filing Date: October 1, 2003	Group: Not Assigned

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)**

	A14	Skolnick et al., "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotech</i> 18(1):34-39, 2000.
	A15	Bork, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <i>Genome Res.</i> 10:398-400, 2000.
	A16	Doerks et al., "Protein annotation: detective work for function prediction," <i>Trends in Genomics</i> 14:248-250, 1998.
	A17	Smith et al., "The challenges of genome sequence annotation or "The devil is in the details," <i>Nature Biotechnology</i> 15:1222-1223, 1997.
*	A18	Brenner, "Errors in genome annotation," <i>Trends in Genetics</i> 15:132-133, 1999.
	A19	Bork et al., "Go hunting in sequence databases but watch out for the traps," <i>Trends in Genetics</i> 12:425-427, 1996.
	A20	Wells, "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> 29:8509-8517, 1990.
	A21	Ngo, "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz et al., eds., Birkhauser, Boston, pp. 492-495, 1994.

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.